	<b>AIRWORTHINESS DIRECTIVE</b> <b>No F-2005-034</b>	Distribution: <b>A</b>	Issue date: <b>February 16, 2005</b>	Page : <b>1/2</b>
Direction générale de l'aviation civile France  GSAC publication	This Airworthiness Directive is published by the DGAC on behalf of EASA, Airworthiness Authority of the State of Design for the affected product, part or appliance.		Translation of « Consigne de Navigabilité » of same number. In case of difficulty, reference should be made to the French issue.	
	<p align="center"><b>No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive, unless otherwise agreed with the Authority of the State of Registry.</b></p>			
Corresponding foreign Airworthiness Directive(s): <b>Not applicable</b>		Airworthiness Directive(s) replaced: <b>F-2004-190 cancelled by its Revision 1</b>		
Person in charge of airworthiness: <b>EADS SOCATA</b>		Type(s): <b>TBM 700 aircraft</b>		
Type certificate(s) No. <b>A.010</b> TCDS No <b>A.010</b>		<b>FAA-2006-25332-L</b>		
ATA chapter: <b>27</b>	Subject: <b>Flight controls - Greasing of the elevator trim actuator</b>			

### 1. EFFECTIVITY:

The present Airworthiness Directive (AD) is applicable to the following EADS SOCATA TBM 700 aeroplane with serial numbers, from 1 to 32, 34, 36 to 69, 71 to 76, 79, 81 to 92, 96 to 98, 101, 102, 107 to 109, 112 to 114, 116, 118 to 124, 126 to 130, 132 to 135, 137, 138, 140 to 145, 148 to 155, 157, 158, 161 to 268, 270 to 304.

**Note:** from the rank 305, greasing is factory made.

### 2. REASONS:

An unsatisfactory initial Elevator trim actuator greasing may lead to the icing of the Elevator trim and generate an untrimmed nose-up attitude after an Auto-Pilot (AP) disconnection.

The previous AD F-2004-190 requested a greasing of the elevator trim actuator.

This new AD:


- Maintains the requested greasing of the AD F-2004-190 but reduces compliance time,
- Mandates Revision 1 of Service Bulletin EADS SOCATA TBM 700 No BS 70-124, dated January 2005,
- Details effectivity.

Consequently, this AD replaces AD F-2004-190 which is cancelled.

### 3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

The following measures are made mandatory from the effective date of this AD:

Unless previously accomplished, within the next 25 flight hours or on the next scheduled inspection, whichever occurs first and not to exceed April 15, 2005, perform the greasing of the elevator trim actuator in accordance with the instructions given in the EADS SOCATA Service Bulletin in reference.

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**4. REFERENCE PUBLICATION:**

EADS SOCATA TBM 700 Service Bulletin No BS 70-124 Revision 1, dated January 2005.

**5. EFFECTIVE DATE:**

Upon receipt from February 16, 2005.

**6. REMARKS:**

For questions concerning the technical contents of this AD's requirements, contact:

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**7. APPROVAL:**

This AD is approved under EASA reference No 2005-1386 dated February 09, 2005.